

TRI SERVICE SAFETY CONFERENCE

History of Motorcycle Safety in Germany

Outline:

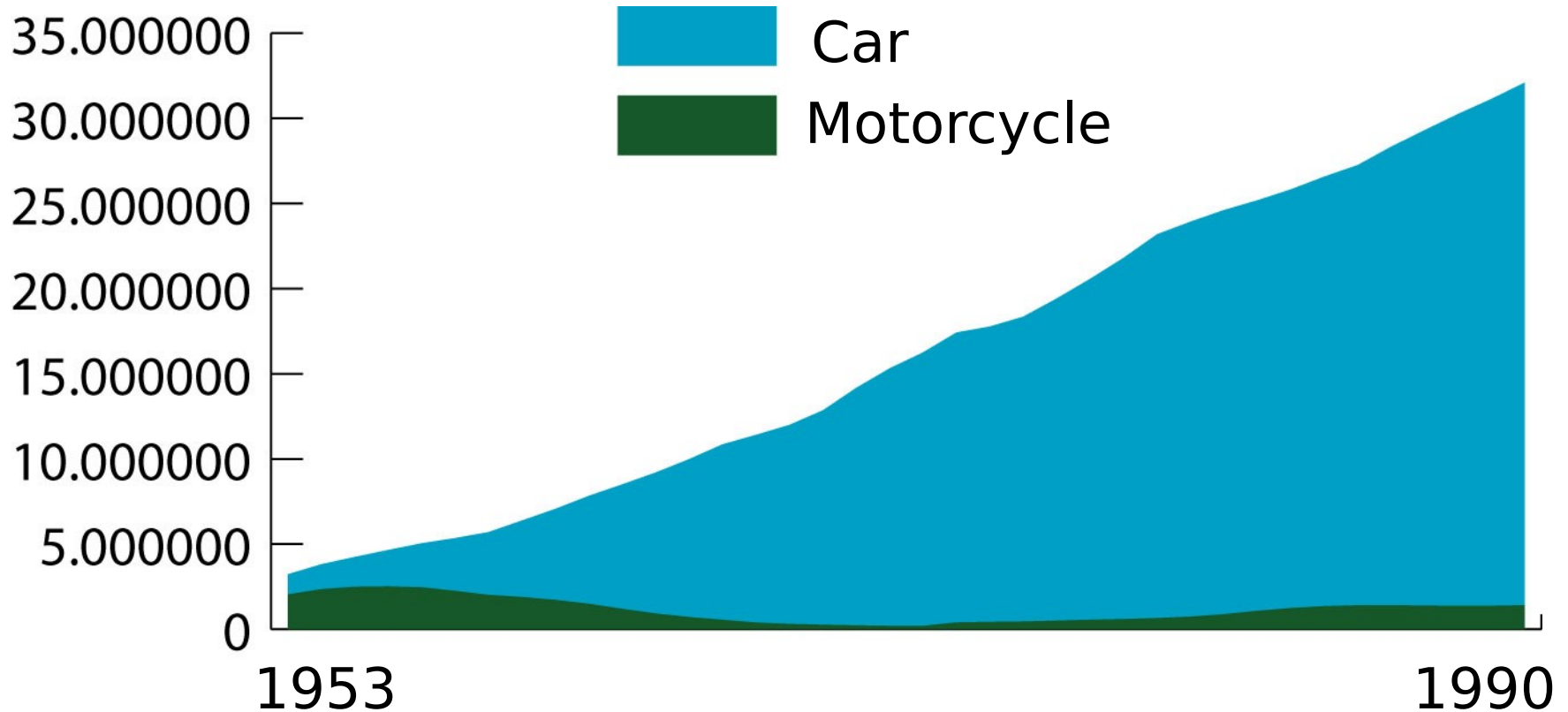
1. Vehicle population and accident statistics from 1953 until today
2. Statutory and voluntary measures for promoting motorcycle safety
3. Motorcycle safety training as an example for voluntary traffic safety measures



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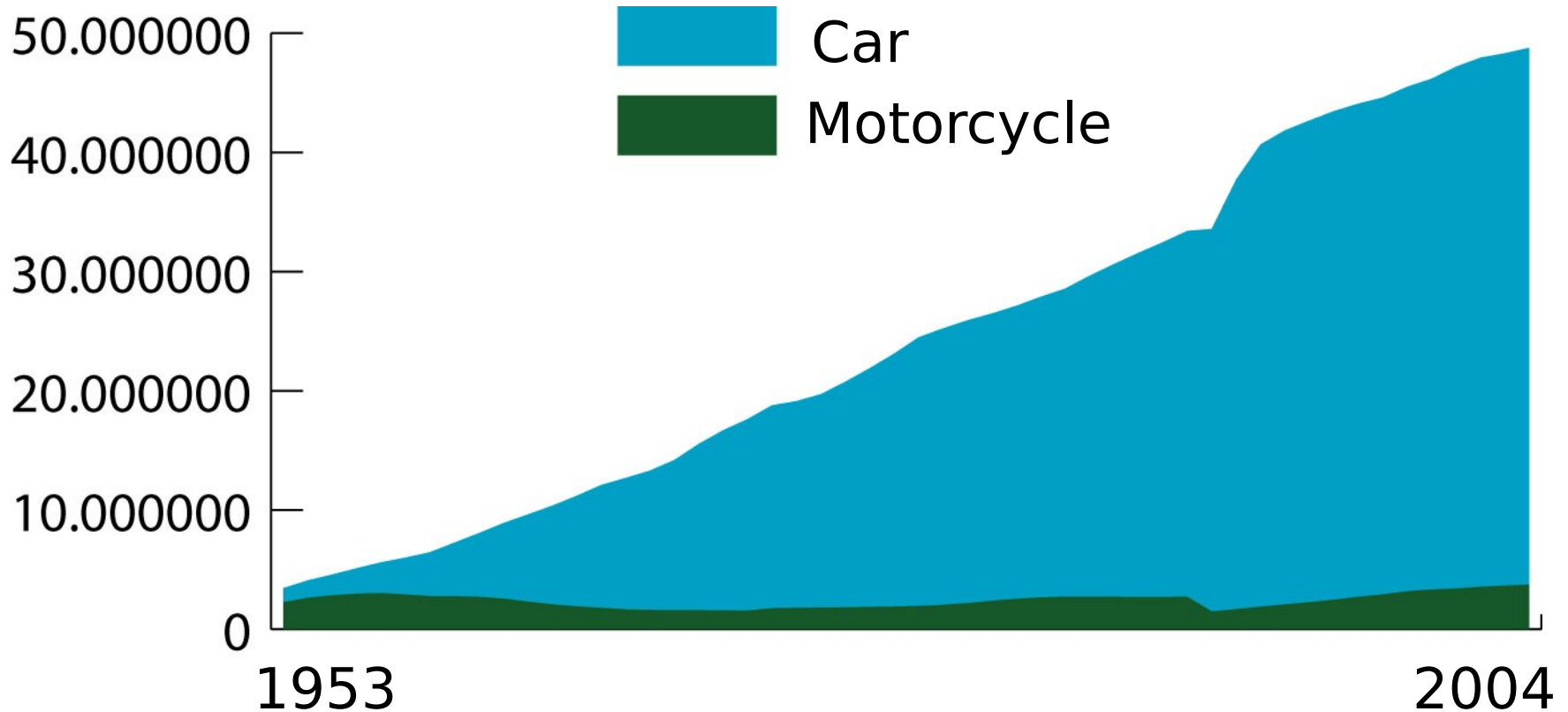
Vehicle Population Motorcycle + Car

Federal Republic of Germany



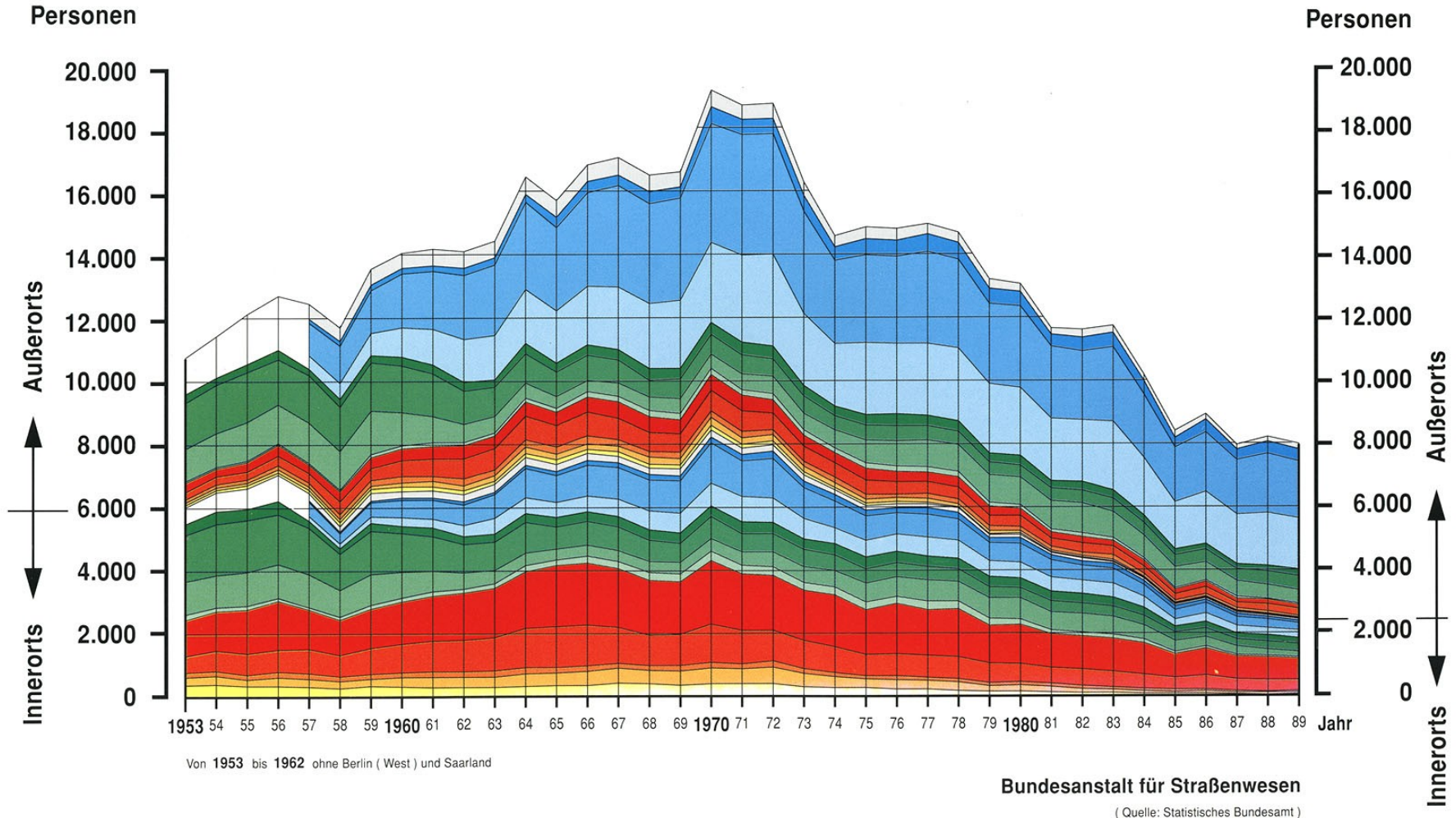
Vehicle Population Motorcycle + Car

All of Germany

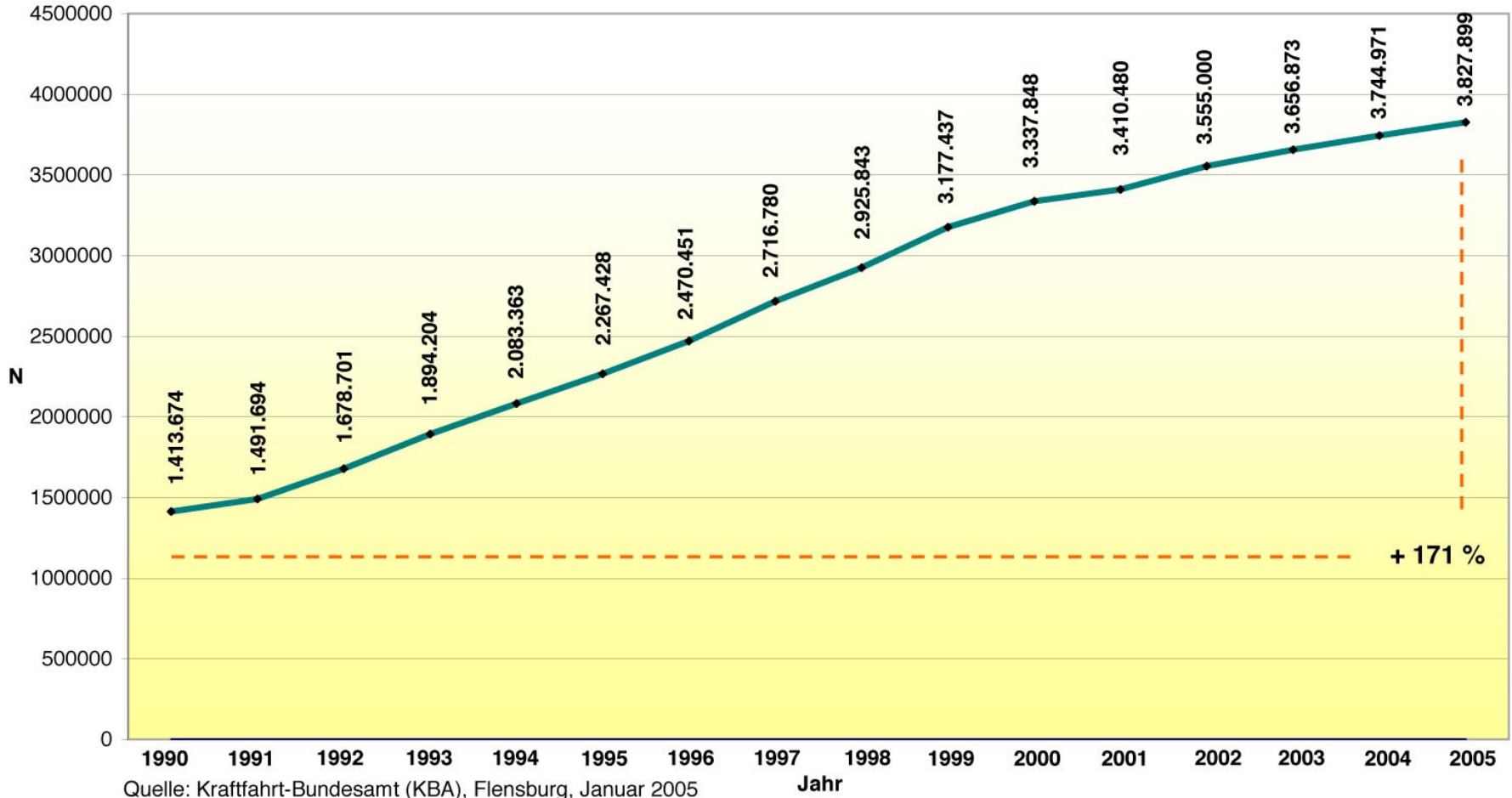


Road Traffic Deaths

in the Federal Republic of Germany by place of accident, type of traffic participation

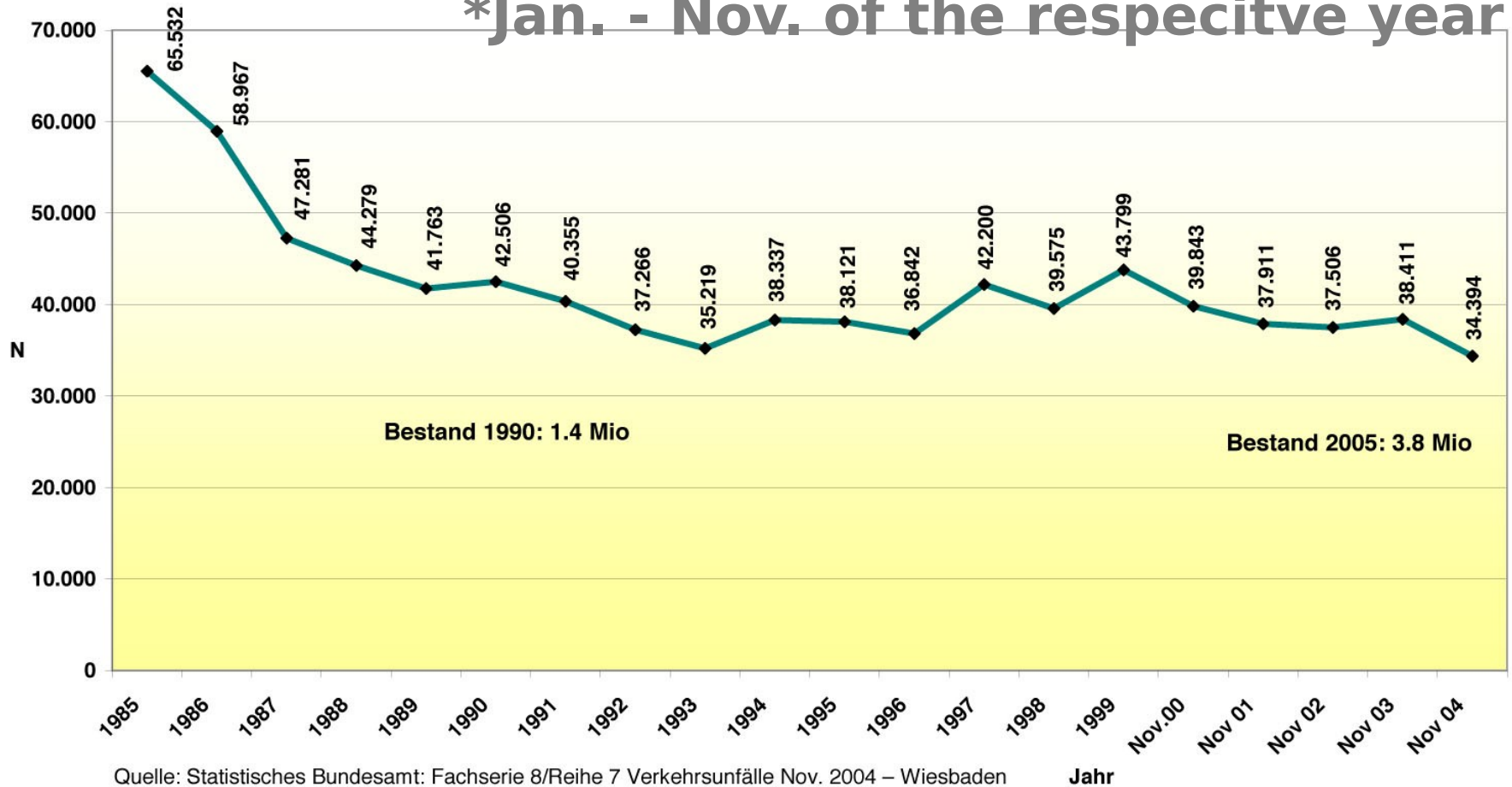


Population of registered powered two-wheelers in Germany 1990 - 2005



Accident victims on registered powered two-wheelers in Germany 1985 - 11/2004*

*Jan. - Nov. of the respective year

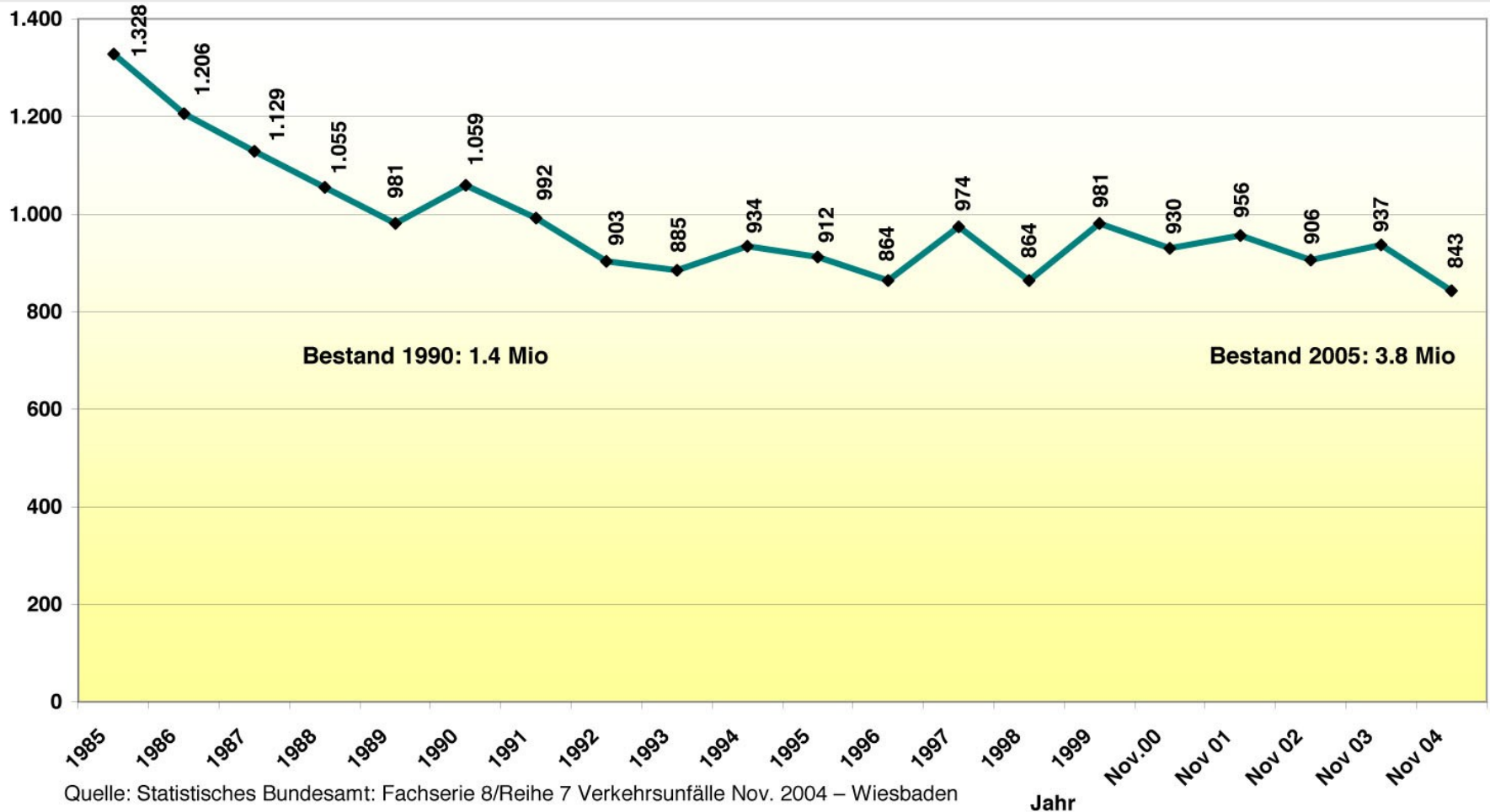




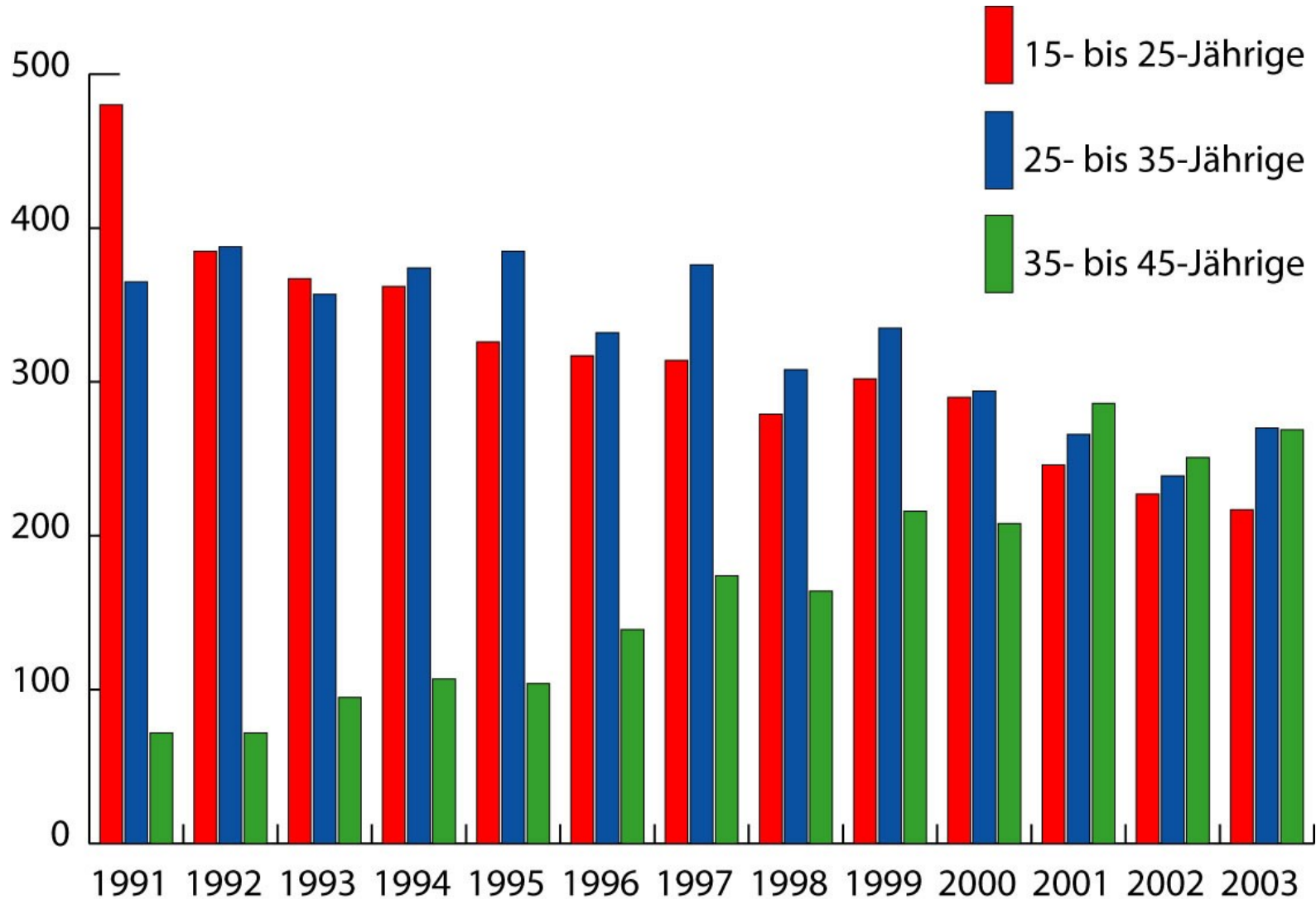
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Fatalities with registered powered two-wheelers in Germany 1985 - 11/2004*

*Jan. - Nov. of the respective year



Motorcycle Fatalities by Age Groups





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Motorcycle riders killed in accidents

1999 by place of accident

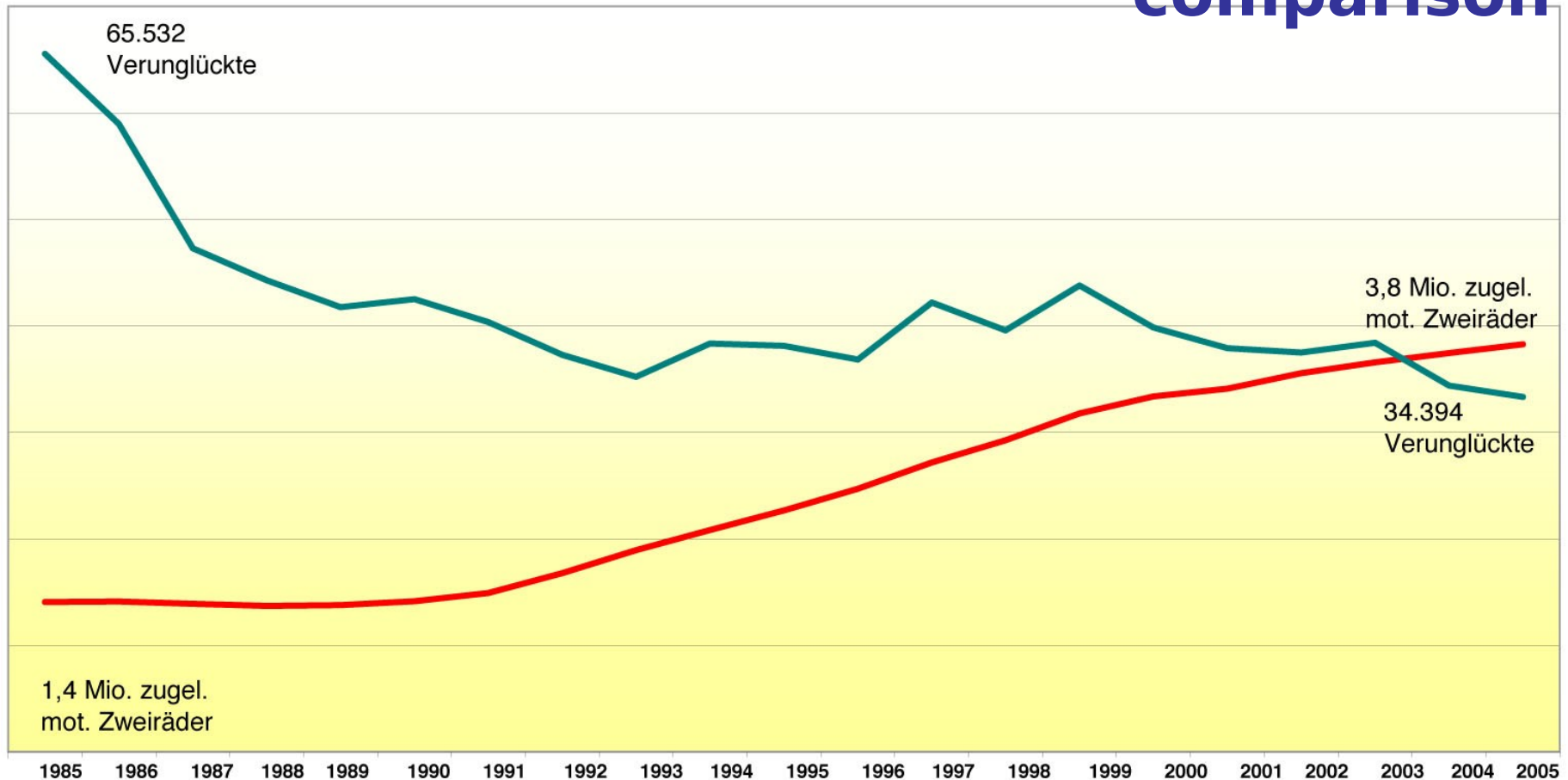
72% country roads

23% within city limits

5% Autobahn

Many of these accidents happen without third party involvement.

Development of population and accident numbers of registered powered two-wheelers between 1985 and 2005 by comparison



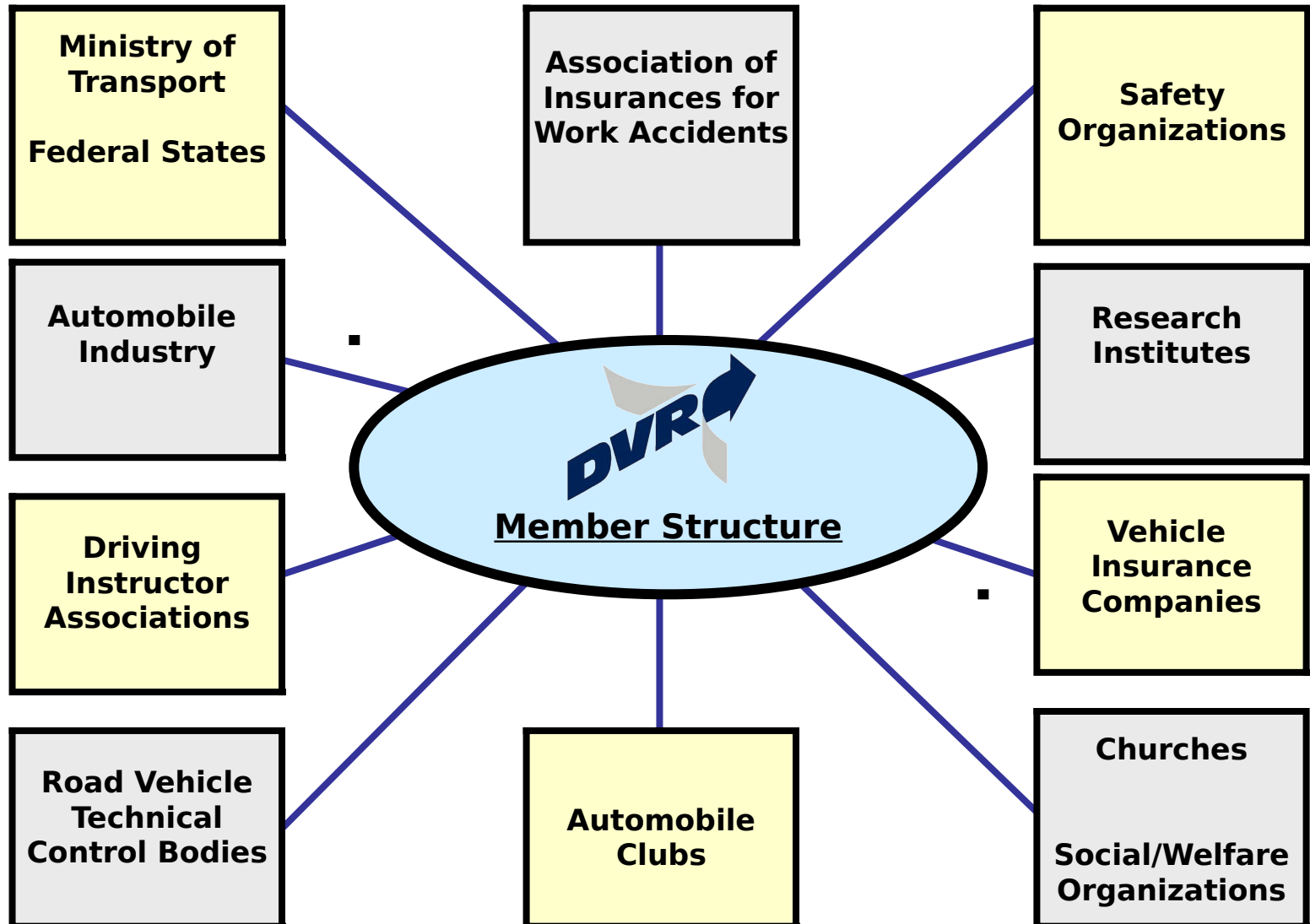


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Tasks of the German Road Safety Council and its Members

- ☐ To foster and strengthen all measures designed to improve road safety
- ☐ Coordination of all involved organisations, whose independence and initiative should not be restricted, towards a common, meaningful and efficient implementation of measures and activities
- ☐ Harmonisation of the measures in the field of transport engineering, safety education and awareness raising, traffic legislation, medical care and enforcement

Member Structure



Responsibilities

- Develop ideas and concepts for traffic safety of powered two-wheelers
- Develop and implement programs
- Guidance, e.g. for the Federal Agency for Road Research and other organizations and agencies
- Research for two-wheeler safety
- Publications, e.g. on practical information on two-wheeler safety
- Largest collection of motorcycle literature in Europe
- Scientific conferences



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Important statutory Measures for Motorcycle Safety

Mandatory Helmet Use

1976 Mandatory Helmet Use for Motorcycles

1978 Mandatory Helmet Use for Scooters/Mopeds

1980 Introduction of monetary fines

Reorganization of driver's education and driving tests

1980 Extension of driver's education; adjustment of
driving tests.



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Important Statutory Measures for Motorcycle Safety

Day-Light Driving

1988 statutory for all motorcyclists to drive with lights on during daylight

Gradual Driver's License

1986 A1 driver's license (25kW) for beginners for two years; advancement test

1993 Discontinuation of advancement test in case of 4000 km driving experience;
Direct advancement to class A license at age 20 possible



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Voluntary Measures for Motorcycle Safety

- 1983 DVR develops 2-day training for young riders of small-capacity motorcycles.
- 1990 DVR takes on responsibility to coordinate all motorcycle training programs in Germany.
- 1992 With support from DVR, IfZ develops special training programs for scooter riders.
- 1993 DVR and IfZ publish pamphlet with dates for all motorcycle safety trainings in Germany.
- 1997 Statutory accident insurance carriers initiate information campaign for safe motorcycling.
- 2002 „Braking“ campaign initiated by insurance industry
 - to promote new brake systems

Target Group Programs

- ❑ tackle the problem of a particular group of road users
- ❑ are centrally coordinated and implemented nationwide in an uniform way
- ❑ involve the interested member organizations in the development and the implementation of the programs
- ❑ aim not only at a change in the behavioral patterns of the road user groups, but also at adapting road traffic conditions to the particular need of the target group



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Training for Drivers



- ☐ Car Drivers
- ☐ **Motorcycle Drivers**
- ☐ Truck Drivers
- ☐ Bus & Coach Drivers
- ☐ Drivers of other vehicles



Implementation of Motorcycle Safety Training Programs



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- Coordination
- Education Courses
- Monitoring
- Exchange of experiences

Implementatio

